

THE JOINT STAFF

February 1995



FY 1996 - 1997 Biennial Budget Estimates

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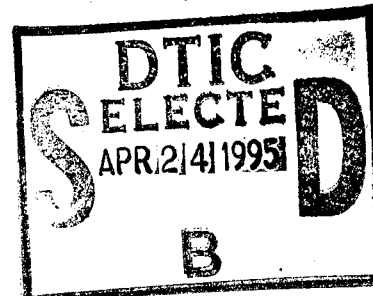
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FY 1996/1997 Biennial Budget Submissions -- The Joint Staff

Operations & Maintenance - 42 pages

Procurement - 20 pages

RDT&E - 5 pages

Military Construction - 3 pages

Information Technology - 16 pages

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The Joint Staff, Comptroller

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The Joint Staff
Information Technology Exhibit
FY 1996/1997 Biennial Budget Estimates

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**The Joint Staff
Executive Summary
FY 1996/1997 Biennial Budget Estimates**

1. Information Technology Activities

A. Support and maintain existing Automated Information Systems (AIS) within the Joint Staff.

B. Ensure information systems supporting the Chairman and the Joint Staff utilize "state-of-the-market" technology with commercial-off-the-shelf products through well managed updates and acquisitions.

2. Major Initiatives

A. Joint Staff Automation for the Nineties (JSAN)

JSAN is an acquisition and information management program which provides up-to-date office automation support to the Joint Staff. JSAN incorporates government computing standards and is targeted toward multi-level security. JSAN will provide significant productivity enhancement to Joint Staff Action Officers. This program will meet Joint Staff office automation requirements into the 21st century through the adoption of "open" standards and will provide a broad range of multiple system connectivity.

B. Joint Staff Modeling and Simulation (Joint M & S)

This program was previously titled Joint Staff Simulation and Modeling (JSAM). The Joint Staff Modeling and Simulation program modernizes the Joint Staff analytical capabilities with high speed computers and models using advanced programming technologies to support the Joint Staff requirements tasked under the Goldwater-Nichols Bill. These include the Joint Warfighting Capabilities Assessments (JWCAs), Chairman's Net Assessment for Strategic Planning (CNASP), Joint Military Net Assessment (JMNA), and various other force planning and budgeting analyses.

C. Joint Warfighting Center (JWFC)

This program assists the Chairman of the Joint Chiefs of Staff, commanders of the unified commands, and Chiefs of the Services in their preparation for joint and multinational operations in the conceptualization, development and assessment of current and future joint doctrine and in the accomplishment of joint and multinational training and exercises.

The Joint Staff
Report on Information Technology (IT) Resources
FY 1996/1997 Biennial Budget Estimates
(Dollars in Thousands)

	<u>FY 1994</u>	<u>FY 1995</u>	<u>FY 1996</u>	<u>FY 1997</u>
1. <u>Equipment (\$000)</u>				
A. Capital Purchases	18,696	12,530	9,977	7,066
B. Purchases/leases	0	0	0	0
Subtotal	18,696	12,530	9,977	7,066
2. <u>Software (\$000)</u>				
A. Capital Purchases	0	0	0	0
B. Purchases/leases	228	590	176	180
Subtotal	228	590	176	180
3. <u>Services (\$000)</u>				
A. Communications	242	199	199	204
B. Processing	0	0	0	0
C. Other	0	0	0	0
Subtotal	242	199	199	204
4. <u>Support Services (\$000)</u>				
A. Software	11,523	22,230	23,961	21,920
B. Equipment Maintenance	3,150	3,221	3,858	3,605
C. Other	8,190	7,221	7,431	8,061
Subtotal	22,863	32,672	35,250	33,586
5. <u>Supplies (\$000)</u>	0	0	0	0
6. <u>Personnel (Compensation/Benefits) (\$000)</u>				
A. Software	0	0	0	0
B. Processing	0	0	0	0
C. Other	2,159	2,208	2,257	2,313
Subtotal	2,159	2,208	2,257	2,313
7. <u>Other (Non-FIP Resources) (\$000)</u>				
A. Capital Purchases	0	0	0	0
B. Other Current	0	0	0	0
Subtotal	0	0	0	0
8. <u>Intra-Governmental Payments (\$000)</u>				
A. Software	0	0	0	0
B. Equipment Maintenance	0	0	0	0
C. Processing	0	0	0	0
D. Communications	0	0	0	0
E. Other	0	0	0	0
Subtotal	0	0	0	0
9. <u>Intra-Governmental Collections (\$000)</u>				
A. Software	0	0	0	0
B. Equipment Maintenance	0	0	0	0
C. Processing	0	0	0	0
D. Communications	0	0	0	0
E. Other	0	0	0	0
Subtotal	0	0	0	0
NET IT RESOURCES (sum 1-9 above)	44,188	48,199	47,859	43,349
Workyears	30	30	30	30
Procurement, Defense-wide	18,696	12,530	9,977	7,066
O & M, Defense-wide	23,333	33,461	35,625	33,970
MILPERS, Defense-wide	2,159	2,208	2,257	2,313

FY 1994 estimates reflect a \$25 thousand investment/expense threshold; FY 1995 estimates reflect a \$50 thousand investment/expense threshold; and FY 1996 and the outyear estimates adhere to the centrally managed criteria

The Joint Staff
Information Technology Resources by CIM Functional Area
FY 1996/1997 Biennial Budget Estimates
(Dollars in Thousands)

	<u>FY 1994</u>	<u>FY 1995</u>	<u>FY 1996</u>	<u>FY 1997</u>
A. <u>CIM Functional Area - Information Management</u>				
1. <u>Major Systems/Initiatives - None</u>				
2. <u>Non Major Systems/Initiatives</u>				
Joint Staff Automation for the Nineties (JSAN)				
Development/Modernization	15,627	11,740	9,055	4,536
Current Services	7,277	6,018	7,359	7,648
Subtotal	22,904	17,758	16,414	12,184
Procurement, Defense-wide	14,449	9,410	6,879	3,456
O & M, Defense-wide	7,337	7,204	8,366	7,530
MILPERS, Defense-wide	1,118	1,144	1,169	1,198
3. <u>All Other</u>				
Development/Modernization	0	0	0	0
Current Services	62	79	79	83
Subtotal	62	79	79	83
Procurement, Defense-wide	0	0	0	0
O & M, Defense-wide	62	79	79	83
MILPERS, Defense-wide	0	0	0	0
4. <u>Total CIM Functional Area - Information Management</u>				
Total Development/Modernization	15,627	11,740	9,055	4,536
Total Current Services	7,339	6,097	7,438	7,731
Subtotal	22,966	17,837	16,493	12,267
Total Procurement, Defense-wide	14,449	9,410	6,879	3,456
Total O & M, Defense-wide	7,399	7,283	8,445	7,613
Total MILPERS, Defense-wide	1,118	1,144	1,169	1,198
B. <u>CIM Functional Area - Other</u>				
1. <u>Major Systems/Initiatives - None</u>				
2. <u>Non Major Systems/Initiatives</u>				
Joint Staff Modeling and Simulation				
Development/Modernization	1,180	1,325	1,373	1,318
Current Services	8,396	7,827	9,071	7,837
Subtotal	9,576	9,152	10,444	9,155
Procurement, Defense-wide	1,180	1,325	1,373	1,318
O & M, Defense-wide	7,497	6,908	8,131	6,874
MILPERS, Defense-wide	899	919	940	963

FY 1994 estimates reflect a \$25 thousand investment/expense threshold;
FY 1995 estimates reflect a \$50 thousand investment/expense threshold;
and FY 1996 and the outyear estimates adhere to the centrally managed criteria

Exhibit 43 (IT-1) Information Technology Resources by CIM Functional Area
(page 1 of 2)

The Joint Staff
Information Technology Resources by CIM Functional Area
FY 1996/97 OSD/OMB Submission
(Dollars in Thousands)

	<u>FY 1994</u>	<u>FY 1995</u>	<u>FY 1996</u>	<u>FY 1997</u>
Joint Warfighting Center (JWFC)				
Development/Modernization	1,042	12,780	12,430	12,656
Current Services	4,583	4,316	4,326	4,389
Subtotal	5,625	17,096	16,756	17,045
Procurement, Defense-wide	1,042	745	395	459
O & M, Defense-wide	4,583	16,351	16,361	16,586
MILPERS, Defense-wide	0	0	0	0
 3. <u>All Other</u>				
Development/Modernization	2,025	1,050	1,330	1,833
Current Services	3,996	3,064	2,836	3,049
Subtotal	6,021	4,114	4,166	4,882
Procurement, Defense-wide	2,025	1,050	1,330	1,833
O & M, Defense-wide	3,854	2,919	2,688	2,897
MILPERS, Defense-wide	142	145	148	152
 4. <u>Total CIM Functional Area - Other</u>				
Total Development/Modernization	4,247	15,155	15,133	15,807
Total Current Services	16,975	15,207	16,233	15,275
Subtotal	21,222	30,362	31,366	31,082
Total Procurement, Defense-wide	4,247	3,120	3,098	3,610
Total O & M, Defense-wide	15,934	26,178	27,180	26,357
Total MILPERS, Defense-wide	1,041	1,064	1,088	1,115
 C. <u>CIM Grand Total</u>				
Development/Modernization	19,874	26,895	24,188	20,343
Current Services	24,314	21,304	23,671	23,006
Total	44,188	48,199	47,859	43,349
Procurement, Defense-wide	18,696	12,530	9,977	7,066
O & M, Defense-wide	23,333	33,461	35,625	33,970
MILPERS, Defense-wide	2,159	2,208	2,257	2,313

FY 1994 estimates reflect a \$25 thousand investment/expense threshold;
FY 1995 estimates reflect a \$50 thousand investment/expense threshold;
and FY 1996 and the outyear estimates adhere to the centrally managed criteria

Exhibit 43 (IT-1) Information Technology Resources by CIM Functional Area
(page 2 of 2)

Descriptive Summary
FY 1996/1997 Biennial Budget Estimates
The Joint Staff

A. AIS Title and Number:
Joint Staff Automation for the Nineties (JSAN)

B. CIM Functional Area: Information Management

C. Approved Life Cycle Cost and Program Cost:

1. Then year (Inflated) dollars

Approved Life-cycle cost: \$ 97.9 (in millions of dollars)
Estimated Life-cycle cost: \$ 97.9 (in millions of dollars)

Approved Program cost: \$ 55.6 (in millions of dollars)
Estimated Program cost: \$ 55.6 (in millions of dollars)

2. Constant base year (FY 1990) dollars

Approved Life-cycle cost: \$ 84.4 (in millions of dollars)
Estimated Life-cycle cost: \$ 84.4 (in millions of dollars)

Approved Program cost: \$ 47.5 (in millions of dollars)
Estimated Program cost: \$ 47.5 (in millions of dollars)

3. Sunk Cost (actual): \$ 22.0 (in millions of dollars)
4. Cost to Complete: \$ 75.9 (in millions of dollars)

D. Cross reference to Justification books: The resources described under this AIS are in the Joint Staff, Operations and Maintenance, Defense-wide, Exhibit OP-5 (BA-04); Procurement, Defense-wide, Exhibit P-5, line 1 and Exhibit P-5A.

E. System Description:

JSAN will satisfy mandatory headquarters office automation performance requirements such as word processing, local area networking, electronic mail, data base applications, telecommunications, graphics, and spreadsheet capabilities. In addition, JSAN will provide new capabilities such as modeling, image processing, and other specialized processing functions. JSAN will maintain currency with technology advancements by requiring the contractor to implement a technology refreshment program during and after the deployment process. JSAN will provide multi-level secure processing of information, a major improvement over the existing system which requires that all operations be performed at the TOP SECRET level of security. JSAN will also incorporate government computing requirements such as standardization, integration, and interoperability among other automated information systems. Capability gains associated with "open system", commercial standardization and multi-level secure processing provide the foundation for Joint Staff Action Officers to use JSAN at productivity levels far beyond traditional proprietary office systems.

F. Program Accomplishments and Plans:

1. FY 1994 Accomplishments: Installation of the Fiber Distributed Data Interface (FDDI) backbone, installation of the connection between the old proprietary systems and the new open system (the Joint Staff Information Management System (JIMS)-JSAN Bridge), installation of complete corporate

Exhibit 43 (IT-2) Descriptive Summary
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Descriptive Summary
FY 1996/1997 Biennial Budget Estimates
The Joint Staff

infrastructure (hubs, routers, concentrators), subnet infrastructure (ethernet) and accompanying hardware (office automation processing sub-systems), installation of new workstations for one-half of the Joint Staff, conversion of several small local databases.

2. FY 1995 Planned Program: Installation of remaining workstations for the Joint Staff, installation of the corporate database and conversion of larger, corporate databases, installation of a new graphics and desktop publishing local area network and the installation of a new Joint Staff Action Processing (JSAP) work-flow program. Multi-level secure computing is introduced through Personal Computer Memory Card International Association (PCMCIA) and Fortessa card technologies. Installation and integration of a new automated message handling system (AMHS). Upgrade Alternate National Military Command Center (Site R) office automation capabilities, and explore technologies supporting telecommunications connections to external LANs.

3. FY 1996 Planned Program: Planned upgrade for one-third of the user workstations for the action officers on the Joint Staff, including new and more capable peripherals (printers, scanners, CD-ROMs, etc). Installation and integration of external multi-level secure (MLS) connections, such as to the Global Command and Control System (GCCS). Provide automation support to organizations displaced as a result of Pentagon Renovation effort.

4. FY 1997 Planned Program: Planned upgrade for one-third of the user workstations for the action officers on the Joint Staff, including new and more capable peripherals (printer, scanner, CD-ROMs, etc), continue to provide automation support to organizations displaced as a result of Pentagon Renovation efforts.

G. Contract Information:

The JSAN contract was awarded to CONTEL Federal Systems in December 1991. On 20 November 1992, JSAN contract award to CONTEL Federal Systems was reconfirmed by the General Services Board of Contract Appeals (GSBCA) in response to a contract protest by a competing vendor. On 26 January 1994, the Court of Appeals for the Federal Circuit further upheld the JSAN contract award. JSAN contractor's new name is GTE Government Systems Corporation, resulting from a merger between CONTEL Federal Systems and GTE.

H. Comparison with FY 1995 Description Summary:

1. Technical Changes: The originally conceived homogeneous RS6000 implementation concept was put on hold pending the resumption of the multi-level security (MLS) evaluation process at National Security Agency (NSA) for the RS6000 machines. With a potential two-year slip in that process, the Joint Staff is pursuing an interim solution to the aging capabilities of the current Joint Staff office automation capabilities. The interim solution is an Intel-based solution, with Windows New Technologies (NT) and Microsoft Office at the user workstation and NTS at the servers. The NT user workstations are not as expensive as the RS6000 machines.

Descriptive Summary
FY 1996/1997 Biennial Budget Estimates
The Joint Staff

2. Schedule Changes: The protest by a competing vendor and the subsequent reconfirmation of the JSAN contract by the GSBGA, resulted in a two year delay from the originally planned schedule. The new schedule reflects an aggressive implementation plan designed to transition the entire Joint Staff (1500 user community) to the NT environment by December 1994. This is three years sooner than the RS6000 implementation plan envisioned.

3. Cost Changes: JSAN will still have to upgrade all workstations to implement multi-level secure computing requirements which will keep total program costs as currently planned and projected. JSAN has subsumed the operations and maintenance of Joint Staff legacy office automation systems.

Descriptive Summary
FY 1996/1997 Biennial Budget Estimates
The Joint Staff

A. AIS Title and Number:

Joint Staff Modeling and Simulation (Joint M & S)

B. CIM Functional Area: Other

C. Approved Life Cycle Cost and Program Cost:

1. Then year (Inflated) dollars

Approved Life-cycle cost: \$ 187.0 (in millions of dollars)

Estimated Life-cycle cost: \$ 187.0 (in millions of dollars)

Approved Program cost: \$ 28.8 (in millions of dollars)

Estimated Program cost: \$ 28.8 (in millions of dollars)

2. Constant base year (FY 1990) dollars

Approved Life-cycle cost: \$ 176.0 (in millions of dollars)

Estimated Life-cycle cost: \$ 176.0 (in millions of dollars)

Approved Program cost: \$ 27.3 (in millions of dollars)

Estimated Program cost: \$ 27.3 (in millions of dollars)

3. Sunk Cost (actual): \$ 128.4 (in millions of dollars)

4. Cost to Complete: \$ N/A (in millions of dollars)

D. Cross reference to Justification books: The resources described under this AIS are in the Joint Staff, Operations and Maintenance, Defense-wide, Exhibit OP-5 (BA-04); Procurement, Defense-wide, Exhibit P-5, line 6 and Exhibit P-5A.

E. System Description:

The Joint Staff Modeling and Simulation program consists of two components: the modernization and operation of hardware (computer systems, network, routers, etc.) and the development, modernization, and maintenance of the specialized software tools and models required to produce the various assessments in fulfillment of modeling and simulation support to the Chairman of the Joint Chiefs of Staff, and the Joint Staff.

Hardware Modernization: Consists of providing sound structure, reliability and responsive computational power to support the modeling and simulation models of the Joint Staff and the CINCs. Declining manpower ceilings, increased analytical complexities, and increased reliance on modeling and simulation to support decisions and activities of national perspective necessitate increased capabilities and effectiveness with state-of-the-art systems.

Software and Model Modernization: Provides the ongoing development and modernization of modeling and simulation tools to provide the necessary functionalities and responsiveness needed to support the entire range of Joint Staff and CINC operations. This effort includes development of new modeling and simulation methodologies, integration of modeling tools, evolutionary refinement of existing capabilities and enrichment of common data sharing technologies.

**Descriptive Summary
FY 1996/1997 Biennial Budget Estimates
The Joint Staff**

F. Program Accomplishments and Plans:

1. FY 1994 Accomplishments: Joint Staff Modeling and Simulation comprises two component programs to support the modeling and simulation requirements of the Joint Staff. Both programs are in phase 4/milestone IV as umbrella programs managing multiple individual components each with their own Life-Cycle Management (LCM) objectives. Each component undergoes periodic reviews and decision points consistent with its maturity and program objectives. Program management plans for analytical suite and analytical tools have been published and are on track. Both umbrella programs are managed under the spiral, not the waterfall acquisition and development models. As such, the milestones are established under Technical Requirements Packages (TRP) in support of the general support statement of work, and managed by individual project officers. The suite and tools programs in their entirety are in phase 4/milestone IV of LCM; the incremental changes to the components are managed on an as needed basis when reviewed periodically for effectiveness, suitability and deficiencies. To date, the changes under the TRPs have been satisfactory and timely.

2. FY 1995 Planned Program: Installation of six smart concentrators/routers designed to segment the network and prevent traffic bottlenecks. Migrate to Solaris open environment. Designate database engines (Sequent) from computational platforms. Telecommunication efforts (Global Command & Control System (GCCS), Distributed Analysis at the Desktop/Defense Simulated Internet DADS/DSI) to be upgraded/integrated with capabilities of Analytical Network.

3. FY 1996 Planned Program: Upgrade of network to include CD-ROM capabilities (jukebox configuration), GCCS connectivity, multi-level security on the Sequent machines, connectivity with the CINCs through gateways. Installation of secure Ingres/ptx.

4. FY 1997 Planned Program: Continued upgrade of Analytical Network based on requirements resulting from Pentagon Renovation.

G. Contract Information:

Hardware Modernization. A dedicated J-8 Directorate hardware procurement contract does not exist. J-8 utilizes Defense Supply Services-Washington as its procurement contracting office to obtain needed hardware via GSA schedule or direct acquisition.

Software and Model Development. Several contracts exist to support this component. General technical support is provided by Potomac Systems Engineering under MDA903-90-D-0005. Wargaming and Simulation Analysis is performed by Booz-Allen and Hamilton under MDA903-90-C-0006. Database management, technical, developmental, and modeling and simulation support is provided by Westinghouse under MDA903-91-D-0038. Additional developmental support is obtained through the Department of Energy (primarily Argonne and Los Alamos National Laboratories) under Interagency agreement #1950-1612-A1. As these contracts expire, new contracts are being prepared and awarded by the Defense Supply Services-Washington.

Descriptive Summary
FY 1996/1997 Biennial Budget Estimates
The Joint Staff

H. Comparison with FY 1995 Description Summary:

1. Technical Changes: None.
2. Schedule Changes: Accelerate telecommunication integration efforts with capabilities of Analytical Network.
3. Cost Changes: Capital investment changes did not impact schedule.

Descriptive Summary
FY 1996/1997 Biennial Budget Estimates
The Joint Staff

A. AIS Title and Number:
Joint Warfighting Center (JWFC)

B. CIM Functional Area:
Other

C. Approved Life Cycle Cost and Program Cost:

1. Then year (Inflated) dollars

Approved Life-cycle cost: \$ 55.997 (in millions of dollars)
Estimated Life-cycle cost: \$ 55.997 (in millions of dollars)

Approved Program cost: \$ 1.892 (in millions of dollars)
Estimated Program cost: \$ 1.892 (in millions of dollars)

2. Constant base year (FY 1990) dollars

Approved Life-cycle cost: \$ 46.317 (in millions of dollars)
Estimated Life-cycle cost: \$ 46.317 (in millions of dollars)

Approved Program cost: \$ 1.519 (in millions of dollars)
Estimated Program cost: \$ 1.519 (in millions of dollars)

3. Sunk Cost (actual): \$ 21.590 (in millions of dollars)
4. Cost to Complete: \$ N/A (in millions of dollars)

D. Cross reference to Justification books: The resources described under this AIS are in the Joint Staff, Operations and Maintenance, Defense-wide, Exhibit OP-5 (BA-01); Procurement, Defense-wide, Exhibit P-5, line 9 and Exhibit P-5A.

E. System Description:

The JWFC's mission is to support and assist the Chairman of the Joint Chiefs of Staff, Commanders of the Unified Commands, and Chiefs of the Services in their preparation for joint and multinational operations in the conceptualization, development and assessment of current and future joint doctrine and in the accomplishment of joint and multinational training and exercises. The JWFC uses state-of-the-art warfare simulations and secure communications to support both on-site and user home station training via distributed audio, video, and data networking. The warfare simulations operate on a multitude of computer hardware platforms ranging from mini-mainframe computers to workstations. The simulations provide the stimulus needed for joint and interoperability staff training at the Joint Task Force level and above. The JWFC was created by combining the former Joint Warfare Center and the former Joint Doctrine Center and will achieve initial operating capability at Ft. Monroe, Va., on 1 October 1994. The budget for fiscal year 1995 and beyond was greatly increased to account for the equipment considerations of the new location and for the expanded mission statement and responsibilities of the command. Early fiscal year 1994 studies by the Vice Director of the Operational Plans and Interoperability Directorate (VJ-7) were refined in mid-year to adjust for the new mission and accentuation of the command. The command has been redesignated as a two star level command by the Chairman, Joint Chiefs of Staff.

Exhibit 43 (IT-2) Descriptive Summary
(page 7 of 9)

**Descriptive Summary
FY 1996/1997 Biennial Budget Estimates
The Joint Staff**

F. Program Accomplishments and Plans:

1. FY 1994 Accomplishments: The JWFC conducted two major and eight minor exercises for CINC clients during fiscal year 1994 at a variety of locations to include Hawaii, Japan, Korea, Panama and CONUS locations. The JWFC also served as proponent for Joint Training Simulations, representing the CINCs, and as Joint Staff Executive Agent for Advanced Distributed Simulations.

2. FY 1995 Planned Program: JWFC plans to conduct two major and eight minor exercises during the fiscal year 1995 transition year from a base at the new Ft. Monroe location using distributed and interactive computing simulations. Training and doctrine development capabilities will be enhanced during this year to prepare for full operational capability. Full capabilities will be achieved to support Joint Training for CINC/JTF staffs and Joint Doctrine Development leveraging synthetic environments. The JWFC will continue as proponent for Joint Training Simulations, representing the CINCs, and as Joint Staff Executive Agent for Advanced Distributed Simulations.

3. FY 1996 Planned Program: JWFC plans to conduct full service training, doctrine development and exercise events using state-of-the-art facilities and equipment are going forward. The command expects to conduct four major and eight minor exercise events in support of JCS, CINC and Service clients. The JWFC will continue as proponent for Joint Training Simulations, representing the CINCs, and as Joint Staff Executive Agent for Advance Distributed Simulations.

4. FY 1997 Planned Program: Expected level of exercise operations include four major and twelve minor events as a full service training support organization with an accentuation as a leader in Joint Doctrine. The JWFC will continue as proponent for Joint Training Simulations, representing the CINCs, and as Joint Staff Executive Agent for Advanced Distributed Simulations.

G. Contract Information:

The current general support contractor (Veda Incorporated) and its subcontractor (Sterling Software Incorporated) provide the full range of Technical Support functions in the areas of computer systems management, computer operations, simulation operations, logistics operations, communications engineering, exercise support, and simulation design and development. The services of Cubic Applications Incorporated have been added to provide training preparation and conduct training, after action reporting analysis, a professional Opposing Forces (OPFOR) group and instructional planning services. These contracts will be managed by the Electronics Division of the Naval Research and Development Center, San Diego, Ca. Support for simulation and exercise technology is also received from Rolands and Associates, and Lawrence Livermore Laboratory on a fee for hire basis to debug/enhance existing coalition models (e.g., JTLS and JCM). The Doctrine Division is supported by OCI Incorporated under a contractual arrangement by the Joint Doctrine of J-7. Additionally, the MITRE Corporation provides systems research, planning and task engineering support to the JWFC. MITRE

Descriptive Summary
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provides objective technical assessment and review of systems, plans, and contractor deliverables, and assist in developing new concepts and techniques beyond the scope of the general support contract.

H. Comparison with FY 1995 Description Summary:

The Vision and Mission statements for the JWFC were revised and reissued in early fiscal year 1994 to include a broadened mission responsibility. This required the re-capitalization of the Command AIS suites to create a world-class distributed simulation capability, and the expansion of the staff and a significant increase in contractor support. The relocation to Ft. Monroe also required the scheduling of transition events during fiscal year 1995, the transition year, as newly refurbished facilities come on line.

1. Technical Changes: None
2. Schedule Changes: None
3. Cost Changes: None

The Joint Staff
FIP Resources Requirements and Indefinite Delivery/Indefinite Quantity
Contracts
Lead Components
FY1996/1997 Biennial Budget Estimates
(Dollars in Thousands)

- A. Contract Name: Joint Staff Automation for the Nineties (JSAN)
B. Description of Contracts: Indefinite Delivery/Indefinite Quantity
C. Contract Number: F19630-92-D-0001
D. Estimated Contract Requirements by appropriation (\$000):

	<u>FY 1995</u>	<u>FY 1996</u>	<u>FY 1997</u>
Procurement	9.410	6.879	3.456
O & M	7.204	8.366	7.530
Other (specify)	0	0	0
Total	16.614	15.245	10.986

E. Contract Data:

- (1) Contract awarded to: CONTEL Federal Systems (Novation to GTE)
- (2) Contract Award Date: December 1991 (affirmed 20 November 1992)
- (3) Brand names and model numbers of primary hardware and software:
RS6000 Model 2XX, Model 5XX, and Model 9XX series processor
- (4) Contract duration (in years): 8 years
- (5) Contract renewal option: Annual
- (6) Estimated value of contract: \$100 Million
- (7) Minimum obligation by FY:

FY 1993: \$5.0 Million
FY 2000: \$0.5 Million (quantity minimum throughout the
life of the contract)